

# HV48100



## Features

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**Higher Energy Density**



**Lower Resistive Losses**



**Superior Performance**



**Remote Upgrading & Monitoring**



**Enhanced Safety Features**

# HV48100 Specs

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## HV48100 BCU

Controller Working Voltage	200V~870V
Self-consumption Power	7.56W
Dimensions (W*D*H)	19.06*20.09*5.51 inch
Weight	29.32 lbs
Communication	CAN, RS485, Dry Contact, WiFi

## HV48100 BMU

Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Continuous Discharging/Charging Current	50Adc
Voltage Range	45.5~58V
Dimensions (W*D*H)	19.06*20.87*5.51 inch
Weight	94.8lbs
Communication	CAN, RS485
Cycle Life	≥6000 cycles
Operation Temperature	-4°F~140°F
Storage Temperature	-22°F~140°F

## HV48100 System

System Energy	5.12kWh*n
System Voltage	51.2V*n
System Capacity	100Ah
Battery System Charge Upper-Voltage	58.4V*n
Battery System Discharge Lower-Voltage	44.8V*n
Continuous Discharging/ Charging Current	50Adc
BCU Model	HV48100 BCUs
BMU Model	HV48100 BMUs
BMU Qty. (Optional)	5~15
Depth of Discharge	80%
Dimensions (W*D*H)	23.62*25.2*61.22 inch
Weight (Cabinet+BCU+BMU)	256.18lbs+94.8lbs*n
Communication	CAN, RS485, Dry Contact, WiFi
Cycle Life	≥6000 cycles
Operation Temperature	-4°F~140°F
Storage Temperature	-22°F~140°F
Operation Humidity	0~95%, No Condensation
Protection Level	IP20
Certifications	UL1973, UN38.3, (TBD: UL9540, UL9540A)